



## Photoallergy [Fotoalergia]

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### Abstract:

The climate changes occurring in the last decades, as a result of sustained environmental aggression, contributed greatly to the increased exposure to solar radiation, currently less filtered by the ozone layer. Solar radiation has numerous benefits for human health, however, excessive exposure to this radiation, acute or chronic, is clearly harmful. Among sun exposure associated pathologies, skin cancers are the most important, due to their morbidity and mortality. However, there are other important pathological processes related to radiation exposure, often undervalued, as photosensitivity reactions, including photoallergy, phototoxicity and photodermatitis. In this article, the authors intend to review the mechanisms involved in cutaneous reactivity to sunlight and the most common photosensitizers, underlining clinical and diagnostic methodologies associated with photoallergy.

**Source:** [http://www.spaic.pt/client\\_files/rpia\\_artigos/fotoalergia.pdf](http://www.spaic.pt/client_files/rpia_artigos/fotoalergia.pdf)

### Resource Description

#### Communication: ☒

resource focus on research or methods on how to communicate or frame issues on climate change; surveys of attitudes, knowledge, beliefs about climate change

A focus of content

#### Communication Audience: ☒

audience to whom the resource is directed

Health Professional

#### Exposure : ☒

weather or climate related pathway by which climate change affects health

Solar Radiation

#### Geographic Feature: ☒

resource focuses on specific type of geography

None or Unspecified

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## **Geographic Location:**

resource focuses on specific location

Global or Unspecified

## **Health Co-Benefit/Co-Harm (Adaption/Mitigation):**

specification of beneficial or harmful impacts to health resulting from efforts to reduce or cope with greenhouse gases

A focus of content

## **Health Impact:**

specification of health effect or disease related to climate change exposure

Cancer, Dermatological Effect

## **Intervention:**

strategy to prepare for or reduce the impact of climate change on health

A focus of content

## **Medical Community Engagement:**

resource focus on how the medical community discusses or acts to address health impacts of climate change

A focus of content

## **Mitigation/Adaptation:**

mitigation or adaptation strategy is a focus of resource

Adaptation

## **Resource Type:**

format or standard characteristic of resource

Review

## **Timescale:**

time period studied

Time Scale Unspecified

## **Vulnerability/Impact Assessment:**

resource focus on process of identifying, quantifying, and prioritizing vulnerabilities in a system

A focus of content